

From: Marrell Livesay
To: Alspaugh, Pamela; Baker Carol; Chen Lisa; Elder Pat; Penttila Duane
Date: 2/12/02 9:43AM
Subject: Volunteer Park Water Tank

At last, I have the soil sampling report for Volunteer Standpipe (water tank).

In 1997 Kleinfelder Inc conducted a study of the areas around the water tank to the paved drive. In that area nearly the entire site has lead and/or arsenic above DOE cleanup levels. The Water Department has not taken any remedial action and is unsure when they may.

I don't find the contamination levels alarming however as always we should take a conservative approach in protecting users and workers. I suggest the following for the areas between the water tank and the paved drive.

- 1) Do not remove vegetation, do as little pruning as practicable.
- 2) Do not weed by hand or use any tool that will disturb the soil.
- 3) Use herbicides for weed control. (I know this may be contrary to other environmental policy but in this case it is better than hand or mechanical methods of vegetation control.)
- 4) Do not plant in this area.
- 5) Keep the area well mulched.
- 6) If utility/infrastructure work is required, the Safety Office and ESU are to be contacted before digging.

PS; The Water Department does plan to seismically upgrade the water tower. The last plan I heard called for the placement of a rubber gasket at the base of the tower. It seems likely that the landscaping around the water tank would be destroyed in the process. Again no time table for that project either. I thought you might want to know.

CC: Ishihara, Jim